

MOISTURE ANALYZER

Powerful and Easy Analysis



MB Series Moisture Analyzer

Widely used industrial, agriculture, laboratory applications. Some typical applications are: tobacco, paper, food, tea, corn, rice, chemical, raw materials and textile materials etc.

Features:

- ✓ Halogen light heating
- ✓ Stainless steel chamber
- ✓ Temperature and time can be set
- ✓ The percentage of moisture content
- ✓ The percentage of dry residual
- ✓ LCD with backlight
- ✓ Store historical setting

Observation window above the sample,
useful during initial setting



Halogen quartz heater 400 W

User-friendly graphics display



- 1 Drying process enabled
- 2 Measurement mode
- 3 Enabled switch-off criteria
- 4 Previous drying time
- 5 Current temperature
- 6 % moisture content
- 7 Result

MB Series Moisture Analyzer

Application Note:

Green tea leave

Settings: Standard drying 120°C/ AUTO 0.05 %(Δ M)

Sample before measurement

Sample after measurement



Distributed evenly at the tray

Nearly no change only the bright green color seems more subdued

	Sample weight (g)	Drying time (min)	Moisture (%)
1	5.056 g	9:05	3.76
2	5.099 g	9:15	3.75
3	5.022 g	9:00	3.78
MW			3.76



SPECIFICATION

MODEL	MB 60	MB 110
Capacity	60g / 1mg	110g / 1mg
Sensor	LOADCELL	
Sample Pan	Aluminum, Ø 90mm	
Readability	0.001g / 0.01%	
Heat Source	Halogen Lamp	
Temperature Sensor	PT-100	
Temperature Range	40°C – 199°C	
Temperature Step	1°C	
Time Setting	1 – 99 minutes	
Moisture Range	0.00% - 100.00%	
Moisture Readability	0.01%	
Dry Range	100.00% - 0.00%	
Dry Readability	0.01%	
Measurement Modes	Standard Fast Soft	
Result Display	[%] moisture content [%] dry content [g] residual weight in grams	
Switch Off Criteria	<ul style="list-style-type: none"> • Automatic switch off • Time-controlled switch off selectable 1min – 99min • Manual switch off 	
Environmental Operation Condition	5°C - 40°C , ≤ 85% RH (Humidity)	
Measurement Condition Memory	15	
Interface	RS232	
Dimension (W×D×H)	240×365×180 mm	
Weight	Approx. 4.82 kg	